

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		and key	US-PGPUB; USPAT	OR	ON	2006/11/16 14:07
		(713/\$.ccls.).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/16 13:35
S1	200270	BACCHIAZ near3 JOHN DAVID.in.	US-PGPUB; USPAT	OR	ON	2006/05/18 15:20
S2	1	BACCHIAZ near3 JOHN near2 DAVID.in.	US-PGPUB; USPAT	OR	ON	2004/12/01 12:24
S3	47	CHRISTENSEN near3 ROBERT.in.	US-PGPUB; USPAT	OR	ON	2004/12/01 12:25
S4	1	S3 and biometric	US-PGPUB; USPAT	OR	ON	2004/12/01 12:25
S5	3	("5867802" "5915936" "5987155").PN.	US-PGPUB; USPAT	OR	ON	2004/12/01 12:48
S6	2	("5933086" "6144293").PN.	US-PGPUB; USPAT	OR	ON	2004/12/01 12:49
S7	3	("5055658" "6144293" "5933088").PN.	US-PGPUB; USPAT	OR	ON	2004/12/01 13:49
S8	995	(biometric with key)	US-PGPUB; USPAT	OR	ON	2004/12/01 13:50
S9	380	S8 and sensor	US-PGPUB; USPAT	OR	ON	2004/12/01 13:52
S10	169	S9 and lock	US-PGPUB; USPAT	OR	ON	2004/12/01 14:53
S11	1	("5055658").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/01 14:54
S12	0	S11 and insulat\$4	US-PGPUB; USPAT	OR	ON	2004/12/01 15:01
S13	6	(car with key with insulat\$4)	US-PGPUB; USPAT	OR	ON	2004/12/01 15:04
S14	401708	(car with key) and circuit board	US-PGPUB; USPAT	OR	ON	2004/12/01 15:11
S15	319	(car with key) and circuit with board	US-PGPUB; USPAT	OR	ON	2004/12/01 15:11
S16	189	S15 and remote\$4	US-PGPUB; USPAT	OR	ON	2004/12/01 15:12
S17	1	("6078265").PN.	US-PGPUB; USPAT	OR	ON	2006/05/17 17:04
S18	1	("6078265").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 17:04
S19	1	S18 and insert\$4	US-PGPUB; USPAT	OR	ON	2006/05/17 17:33

## EAST Search History

S20	52	(vehicle with key with entry).ab.	US-PGPUB; USPAT	OR	ON	2006/05/17 17:34
S21	13	S20 and ID	US-PGPUB; USPAT	OR	ON	2006/05/17 17:34
S22	25131	"713"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/18 15:20
S23	1455	S22 and biometric	US-PGPUB; USPAT	OR	ON	2006/05/18 15:20
S24	1279	S23 and key	US-PGPUB; USPAT	OR	ON	2006/05/18 15:21
S25	591	S24 and insert\$4	US-PGPUB; USPAT	OR	ON	2006/05/18 15:23
S26	14	S25 and insulat\$4	US-PGPUB; USPAT	OR	ON	2006/05/18 16:19
S27	1	("5486852").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/18 18:13
S28	1	("6946988").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/18 18:19
S29	664	(341/176).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/05/18 18:19
S30	543	S29 and (remote\$4 with control\$4)	US-PGPUB; USPAT	OR	ON	2006/05/18 18:20
S31	174	S30 and attach\$4	US-PGPUB; USPAT	OR	ON	2006/05/18 18:20
S32	95	S31 and remov\$5	US-PGPUB; USPAT	OR	ON	2006/05/22 17:44
S33	65	S32 and mount\$4	US-PGPUB; USPAT	OR	ON	2006/05/18 18:22
S34	4	((("6206133") or ("3259675") or ("6127632") or ("5952607"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/23 14:25
S35	1	("6473022").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/25 16:23
S36	1	S35 and remote	US-PGPUB; USPAT	OR	ON	2006/05/25 16:28
S37	1	"4998952".PN.	USPAT; USOCR	OR	ON	2006/05/25 16:24
S38	1	"5331325".PN.	USPAT; USOCR	OR	ON	2006/05/25 16:25
S39	1	"5592169".PN.	USPAT; USOCR	OR	ON	2006/05/25 16:25
S40	1	"5912512".PN.	USPAT; USOCR	OR	ON	2006/05/25 16:25
S41	1	("6078265").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/25 16:28

## EAST Search History

S42	1	S41 and lock	US-PGPUB; USPAT	OR	ON	2006/05/25 16:28
S43	29	("2936607"   "3201961"   "3660624"   "4192400"   "4213038"   "4240516"   "4438426"   "4789859"   "4800590"   "4967305"   "5054090"   "5055658"   "5070714"   "5138468"   "5204663"   "5245329"   "5287098"   "5337043"   "5448659"   "5541994"   "5603179"   "5623552"   "5633932"   "5633947"   "5661451"   "5668874"   "5799092").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:29
S44	17	("4737859"   "4991205"   "4993068"   "4999065"   "5157424"   "5241600"   "5259025"   "5268963"   "5321751"   "5321765"   "5337358"   "5351302"   "5384846"   "5420924"   "5436970"   "5469506"   "5598474").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:30
S45	5	("3581282"   "4811408"   "4993068"   "4995086"   "5412727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:30
S46	15	("3761683"   "4373134"   "4683371"   "4745268"   "4772782"   "4811408"   "4879747"   "4961229"   "4993068"   "4995081"   "5053608"   "5070452"   "5241165"   "5259025"   "5278753").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:30
S47	12	("4010353"   "4015106"   "4021780"   "4227643"   "4578572"   "4641240"   "4641241"   "4649264"   "4658357"   "4813708"   "4866756"   "4972319").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:30
S48	25	("0400642"   "0751226"   "0752957"   "1050596"   "1610413"   "2094543"   "2354785"   "2431847"   "2650517"   "3248806"   "3724079"   "4315747"   "4673197"   "4689747"   "4737927").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:30
S49	10	("4481584"   "4504913"   "4511973"   "4513377"   "4527155"   "4532514"   "4543572"   "4571684"   "4608656"   "4630209").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:31

## EAST Search History

S50	18	("2548488"   "3618240"   "3925641"   "4086632"   "4159490"   "4190819"   "4253150"   "4291373"   "4301506"   "4312577"   "4360876"   "4363055"   "4402050"   "4428052"   "4428057"   "4490717").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:31
S51	7	("3711653"   "4139889"   "4159490"   "4190819"   "4229724"   "4360876"   "4402050").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:31
S52	8	("3382351"   "3538313"   "3789198"   "4084241"   "4086632"   "4139889").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:32
S53	1	("4084241").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:33
S54	10	("3364343"   "3392448"   "3538313"   "3681752"   "3715572"   "3749893"   "3789198").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:33
S55	3	("3588478"   "3681752").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:33
S56	7	("2413300"   "3249914"   "3483506"   "3570445").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:33
S57	18	("1553194"   "1572447"   "1710555"   "1726563"   "1741676"   "1916734"   "2118559"   "3426431"   "3483506").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:33
S58	29	("2936607"   "3201961"   "3660624"   "4192400"   "4213038"   "4240516"   "4438426"   "4789859"   "4800590"   "4967305"   "5054090"   "5055658"   "5070714"   "5138468"   "5204663"   "5245329"   "5287098"   "5337043"   "5448659"   "5541994"   "5603179"   "5623552"   "5633932"   "5633947"   "5661451"   "5668874"   "5799092").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:34

## EAST Search History

S59	29	("2936607"   "3201961"   "3660624"   "4192400"   "4213038"   "4240516"   "4438426"   "4789859"   "4800590"   "4967305"   "5054090"   "5055658"   "5070714"   "5138468"   "5204663"   "5245329"   "5287098"   "5337043"   "5448659"   "5541994"   "5603179"   "5623552"   "5633932"   "5633947"   "5661451"   "5668874"   "5799092").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:34
S60	24	("5799092").URPN.	USPAT	OR	ON	2006/05/25 16:34
S61	24	("5799092").URPN.	USPAT	OR	ON	2006/05/25 16:34
S62	0	("7043052").URPN.	USPAT	OR	ON	2006/05/25 16:34
S63	0	("7043052").URPN.	USPAT	OR	ON	2006/05/25 16:34
S64	0	("7043052").URPN.	USPAT	OR	ON	2006/05/25 16:34
S65	54	("4359633"   "4590366"   "4675746"   "4689477"   "4790566"   "4879747"   "4972476"   "4994831"   "5113445"   "5237164"   "5284364"   "5319453"   "5321751"   "5337361"   "5351302"   "5379345"   "5384846"   "5396559"   "5436970"   "5471533"   "5490217"   "5505494"   "5635012"   "5636292"   "5646997"   "5652626"   "5659726"   "5694471"   "5710834"   "5721788"   "5748783"   "5760386"   "5767496"   "5768426"   "5786587"   "5787186"   "5799092"   "5841886"   "5864622"   "5864623"   "5907149"   "5912974"   "6024287"   "6243480"   "6289108"   "6292092"   "6343138"   "6389151"   "6424249"   "6463416"   "6546112"   "6608911"   "6751336"   "6782116").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/25 16:43
S66	5389	(key same lock).ab.	US-PGPUB; USPAT	OR	ON	2006/06/01 19:00
S67	379	S66 and insulat\$4	US-PGPUB; USPAT	OR	ON	2006/05/25 16:46
S68	167	S67 and electronic	US-PGPUB; USPAT	OR	ON	2006/05/25 16:47
S69	3	((("6628206") or ("5921713") or ("6728165")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/26 11:57
S70	2	((("6747569") or ("6766854")).PN.	US-PGPUB; USPAT	OR	OFF	2006/05/26 12:25

## EAST Search History

S71	1	("6628206").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/26 12:25
S72	0	S71 and hydraulic	US-PGPUB; USPAT	OR	ON	2006/05/26 12:25
S73	0	S71 and hydraulic\$4	US-PGPUB; USPAT	OR	ON	2006/05/26 12:34
S74	1	("5921713").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/26 12:34
S75	1	S74 and hydraulic\$4	US-PGPUB; USPAT	OR	ON	2006/05/26 12:46
S76	0	S71 and power	US-PGPUB; USPAT	OR	ON	2006/05/26 12:46
S77	2	((("5055658") or ("5592169"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 15:19
S78	1	("6078265").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 15:19
S79	1	S78 and validat\$4	US-PGPUB; USPAT	OR	ON	2006/06/01 15:21
S80	1	("5055658").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 15:55
S81	0	S80 and validat\$4	US-PGPUB; USPAT	OR	ON	2006/06/01 15:21
S82	1	S78 and computer	US-PGPUB; USPAT	OR	ON	2006/06/01 16:01
S83	0	S78 and enrolment	US-PGPUB; USPAT	OR	ON	2006/06/01 18:05
S84	3	((("6121773") or ("5965964") or ("6111408"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 18:05
S85	5392	(key same lock).ab.	US-PGPUB; USPAT	OR	ON	2006/06/01 19:00
S86	98	S85 and ward	US-PGPUB; USPAT	OR	ON	2006/06/01 19:04
S87	1	S86 and biometric	US-PGPUB; USPAT	OR	ON	2006/06/01 19:01
S88	7	S86 and (no with ward)	US-PGPUB; USPAT	OR	ON	2006/06/01 19:06
S89	1	("6078265").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/01 19:06
S90	0	S89 and ward	US-PGPUB; USPAT	OR	ON	2006/06/01 19:12
S91	85	S85 and (blade with plate)	US-PGPUB; USPAT	OR	ON	2006/06/02 18:17
S92	113	(biometric\$4 with key).ab.	US-PGPUB; USPAT	OR	ON	2006/06/02 18:17

## EAST Search History

S93	15	S92 and (host with computer)	US-PGPUB; USPAT	OR	ON	2006/06/02 18:24
S94	383	(electronic\$4 with key with lock\$4). ab.	US-PGPUB; USPAT	OR	ON	2006/06/02 18:24
S95	16	S94 and (host with computer)	US-PGPUB; USPAT	OR	ON	2006/06/02 19:05
S96	248	(biometric same key same lock\$4)	US-PGPUB; USPAT	OR	ON	2006/06/02 19:05
S97	30	S96 and ((host or external) with computer)	US-PGPUB; USPAT	OR	ON	2006/06/02 19:05
S98	1	("6728165").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/05 16:14
S99	1853	(key with fob)	US-PGPUB; USPAT	OR	ON	2006/11/16 13:35
S10 0	131	(key with fob).ab.	US-PGPUB; USPAT	OR	ON	2006/11/16 14:05
S10 1	1525	((340/5.82,5.81,5.72) or (200/341) or (206/37.1)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/16 14:07
S10 2	1051	S101 and key	US-PGPUB; USPAT	OR	ON	2006/11/16 14:14
S10 3	116	S101 and (key with fob)	US-PGPUB; USPAT	OR	ON	2006/11/16 15:12
S10 4	34154	"70"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/16 15:12
S10 5	76	S104 and (key with fob)	US-PGPUB; USPAT	OR	ON	2006/11/16 16:45
S10 6	4575	((circuit or sensor or chip) with (slid\$5 or insert\$4)) same key	US-PGPUB; USPAT	OR	ON	2006/11/16 16:46
S10 7	28	((circuit or sensor or chip) with (slid\$5 or insert\$4)) same (key with fob)	US-PGPUB; USPAT	OR	ON	2006/11/16 16:50
S10 8	288	((circuit or sensor or chip) with (slid\$5 or insert\$4)) same (key with body)	US-PGPUB; USPAT	OR	ON	2006/11/16 17:41
S10 9	83	(biometric with sensor with (insert\$4 or slid\$5))	US-PGPUB; USPAT	OR	ON	2006/11/16 18:11
S11 0	985	(70/408,395,278.3,278.7,413). CCLS.	US-PGPUB; USPAT	OR	OFF	2006/11/17 12:55
S11 1	668	S110 and key	US-PGPUB; USPAT	OR	ON	2006/11/17 12:57
S11 2	124	S110 and ((sensor or chip or circuit) with insert\$4)	US-PGPUB; USPAT	OR	ON	2006/11/17 12:58